

*Themerides. K. 756. a 3*

Ολύμπια Δώματα.

OR, AN

ALMANACK

For the YEAR of  
Our LORD GOD, 1753.

Being the first after BISSEXTILE, or  
LEAP-YEAR.

And from the World's Creation, 5755.

Wherein is contained the Lunations; Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all Times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

*Non est è Terris mollis ad Astra Via.*

By TYCHO WING, *Philomath.*

L O N D O N :

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STATIONERS.



# Common Notes for the YEAR 1753.

Golden Number	6
Epact	25
Cycle of the Sun	26
Dominical Letter	G
Roman Indiction	I
Number of Direction	32

## A TABLE of TERMS and their RETURNS.

Hilary-Term begins *Jan. 23*, ends *Feb. 12*.

Returns or Essoign-days.		Exc.	Ret.	Ap.	W. D.
In eight days of <i>St. Hilary</i> ,	<i>Jan. 20</i>	21	22	23	Tuesd.
From the day of <i>St. Hilary</i> in 15 days,	27	28	29	30	Tuesd.
On the morrow of the Purif. Blessed <i>Mary</i> ,	<i>Feb. 3</i>	4	5	6	Tuesd.
In eight days of the Purif. of Blessed <i>Mary</i> ,	9	10	11	12	Mond.

Easter-Term begins *May 9*, ends *June 4*.

From the day of Easter in 15 days,	<i>May 6</i>	7	8	9	Wedn.
From the day of Easter in 3 weeks,	13	14	15	16	Wedn.
From the day of Easter in 1 month,	20	21	22	23	Wedn.
From the day of Easter in 5 weeks,	27	28	29	30	Wedn.
On the morrow of the Ascension,	<i>June 1</i>	2	3	4	Mond.

Trinity-Term begins *June 22*, ends *July 11*.

On the morrow of the holy Trinity,	<i>June 18</i>	19	20	22	Friday.
In eight days of the holy Trinity,	24	25	26	27	Wedn.
From the day of holy Trinity in 15 Days,	<i>July 1</i>	2	3	4	Wedn.
From the day of holy Trinity in 3 Weeks,	8	9	10	11	Wedn.

Michaelmas-Term begins *Nov. 6*, ends *Nov. 28*, but four Returns.

On the morrow of <i>All Souls</i> ,	<i>Nov. 3</i>	4	5	6	Tuesd.
On the morrow of <i>St. Martin</i> ,	12	13	14	15	Thursd.
In eight days of <i>St. Martin</i> ,	18	19	20	21	Wedn.
In 15 days of <i>St. Martin</i> ,	25	26	27	28	Wedn.

*N. B.* No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

*Note*, That the first and last Days of every Term, are the first and last Days of Appearance.

# W I N G 1753.

## The Regal Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin *Jan. 1.* Length of each Reign, accountin.<sup>28</sup> D. a Month. Number of Years expired since they began to Reign.

Kings Names	egan to reign	Y.	M.	D.	Beg	Kings Names.	
William I.	1066 Oct. 14	20	11	22	687	William	1
William II.	1087 Sept. 9	12	11	18	666	William	2
Henry I.	1100 Aug. 1	35	4	12	652	Henry	1
Stephen	1135 Dec. 2	18	11	19	618	Stephen	
Henry II.	1154 Oct. 25	34	9	2	599	Henry	2
Richard I.	1189 July 6	9	9	22	564	Richard	1
John	1199 April 6	17	7	1	554	John	
Henry III.	1216 Oct. 19	56	1	1	537	Henry	3
Edward I.	1272 Nov. 16	34	8	9	481	Edward	1
Edward II.	1307 July 7	19	7	6	446	Edward	2
Edward III.	1327 Jan. 25	50	5	7	426	Edward	3
Richard II.	1377 June 21	22	3	16	376	Richard	2
Henry IV.	1399 Sept. 29	13	6	4	354	Henry	4
Henry V.	1413 Mar. 20	9	5	24	340	Henry	5
Henry VI.	1422 Aug. 31	38	6	17	331	Henry	6
Edward IV.	1461 Mar. 4	22	1	8	292	Edward	4
Edward V.	1483 April 9	0	2	18	270	Edward	5
Richard III.	1483 June 22	2	2	5	270	Richard	3
Henry VII.	1485 Aug. 22	23	8	19	268	Henry	7
Henry VIII.	1509 Apr. 22	37	10	1	244	Henry	8
Edward VI.	1547 Jan. 28	6	5	19	206	Edward	6
Q. Mary I.	1553 July 6	5	4	22	200	Q. Mary	1
Q. Elizabeth	1558 Nov. 17	44	4	15	195	Q. Elizabeth	
James I.	1603 Mar. 24	22	0	3	150	James	1
Charles I.	1625 Mar. 27	23	11	1	128	Charles	1
Charles II.	1649 Jan. 30	36	0	7	104	Charles	2
James II.	1685 Feb. 6	4	0	17	68	James	2
Will. 3. & M	1689 Feb. 13	13	0	14	64	William	3
Q. Anne	1702 Mar. 8	12	5	6	51	Q. Anne	
George I.	1714 Aug. 1	12	11	6	39	K. George	1
George II.	1727 June 11	Whom God grant long to reign!					

A Table of the Moon's Southing, of excellent Use to find the Time of *High-Water*, and Hour of the Night, for the first six Months of this present Year 1753.

Days	Jan.		Feb.		March		April		May		June	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	9	M 30	10	M 26	9	M 20	10	M 12	10	M 26	11	M 42
2	10	16	11	13	9	55	10	55	11	16	0	A 43
3	11	4	11	55	10	38	11	41	0	A 9	1	46
4	11	50	0	A 41	11	22	0	A 30	1	5	2	46
5	0	A 38	1	25	0	A 9	1	21	2	3	3	43
6	1	24	2	8	0	54	2	12	3	1	4	37
7	2	7	2	52	1	39	3	8	3	59	5	30
8	2	50	3	37	2	27	4	5	4	56	6	20
9	3	31	4	25	3	16	5	2	5	50	7	9
10	4	16	5	16	4	9	5	58	6	43	7	59
11	5	0	6	11	5	4	6	55	7	34	8	47
12	5	46	7	7	6	2	7	51	8	25	9	35
13	6	35	8	4	6	59	8	43	9	14	10	27
14	7	28	9	5	7	56	9	35	10	5	11	18
15	8	25	10	5	8	52	10	26	11	55	Morn.	
16	9	24	11	3	9	50	11	17	11	47	0	9
17	10	24	11	59	10	45	Morn.		Morn.		0	58
18	11	27	Morn.		11	38	0	10	0	38	1	45
19	Morn.		0	54	Morn.		1	0	1	27	2	30
20	0	26	1	46	0	30	1	52	2	19	3	15
21	1	23	2	38	1	22	2	45	3	8	3	59
22	2	19	3	29	2	14	3	36	3	55	4	40
23	3	11	4	20	3	6	4	25	4	41	5	22
24	4	2	5	9	3	57	5	13	5	24	6	6
25	4	51	6	0	4	47	6	0	6	6	6	51
26	5	37	6	47	5	38	6	43	6	49	7	38
27	6	27	7	36	6	25	7	27	7	33	8	30
28	7	15	8	28	7	12	8	11	8	18	9	23
29	8	4			7	58	8	55	9	5	10	21
30	8	52			8	42	9	40	9	54	11	22
31	9	40			9	27			10	48		

*Note,* The Moon, or any Star, is said to be South, when they appear in that Quarter of the Firmament in which the Sun is at Noon-day, which for the Moon this Table will direct

A Table of the Moon's Southings, of excellent Ute to find the Time of *High-Water*, and Hour of the Night, for the last six Months of the present Year 1753.

Days	July		August		Sept.		Octob.		Nov.		Dec.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	0	A 25	1	A 57	3	A 22	3	A 58	5	A 15	5	A 18
2	1	24	2	51	4	15	4	51	6	2	6	0
3	2	22	3	43	5	7	5	42	6	45	6	43
4	3	17	4	34	5	59	6	30	7	29	7	24
5	4	10	5	25	6	50	7	17	8	12	8	7
6	5	1	6	16	7	38	8	2	8	55	8	53
7	5	5	7	7	8	26	8	46	9	38	9	42
8	6	40	7	57	9	12	9	30	10	22	10	32
9	7	30	8	46	9	57	10	13	11	11	11	27
10	8	20	9	34	10	42	10	57	Morn.		Morn	
11	9	10	10	22	11	25	11	42	0	1	0	23
12	10	0	11	8	Morn		Morn		0	53	1	20
13	10	50	11	51	0	9	0	28	1	48	2	18
14	11	37	Morn.		0	50	1	14	2	43	3	14
15	Morn.		0	35	1	36	2	6	3	40	4	8
16	0	23	1	17	2	22	2	57	4	35	5	0
17	1	7	2	0	3	9	3	53	5	29	5	51
18	1	51	2	44	4	1	4	48	6	22	6	42
19	2	34	3	30	4	55	5	42	7	14	7	33
20	3	16	4	15	5	50	6	39	8	6	8	24
21	4	0	5	5	6	47	7	34	8	57	9	15
22	4	44	5	56	7	43	8	28	9	48	10	6
23	5	29	6	49	8	40	9	21	10	41	10	58
24	6	17	7	48	9	36	10	15	11	35	11	50
25	7	8	8	48	10	32	11	8	0	A 30	0	A 41
26	8	3	9	47	11	27	0	A 3	1	21	1	30
27	9	0	10	46	0	A 23	0	58	2	13	2	15
28	10	0	11	43	1	18	1	52	3	2	3	0
29	11	1	0	A 42	2	12	2	45	3	50	3	42
30	0	A 3	1	38	3	6	3	37	4	34	4	24
31	1	1	2	32			4	27			5	6

you; and for the Planets and most remarkable fix'd Stars, their Southings are noted in every Month in the Year, by which the Hour of the Night may be readily discover'd.

# W I N G 1753.

*The Use of the preceding TABLE of the Moon's Southing, to find the Time of High-Water, and Hour of the Night.*

## I. To find the Time of High-Water in most Ports of E N G L A N D.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which stand against the Place required in the following Table of Sea Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

A TABLE of the Sea-Coasts	H. M.
<i>Portsmouth, Queenborough, Southampton,</i>	0 00
<i>Rocheſter, Wincheſtea, Fluſhing,</i>	0 45
<i>Downs, Gravesend, Ramkins, Guernſey,</i>	1 30
<i>Denbigh, Bell-Iſle, Holy-Iſle, Downs-Road,</i>	2 15
<i>London, Tinmouth, Whitby, Hartlepool,</i>	3 00
<i>Scarborough, Berwick, Fluſhings, Staples,</i>	3 45
<i>Flamborough, Humber, Bridlington-Bay,</i>	4 30
<i>Plymouth, Ramſey, Newcaſtle, Severn,</i>	5 15
<i>Lynn, Foſdyke, Hull, Weymouth, Dartmouth, Croſs-keys,</i>	6 00
<i>Boſton, Start-Point, Foulneſs, Briſtol-Key,</i>	6 45
<i>Bridgwater, Milford-Haven, Lizard, Wintertown,</i>	7 30
<i>Yarmouth, Iſle of White, the Needles,</i>	8 15
<i>Iſle of Man, Orkney, Pool, South-Foreland,</i>	9 00
<i>Dover, Harwich, Orfordneſs, Bullein,</i>	10 00
<i>Rye, Solebay, Margate-Road,</i>	11 15

## II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls preciſely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Caſes,

2. If the Shadow wants of 12, ſee how much it wants of it; which Time, ſubtracted from that of the Moon's Southing, leaves the Time of Night. *Note,* You muſt add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has paſt 12, add the Time that it has paſt it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that Sum, if need be.

## The Kalendar explain'd.

The Left hand Pages contain at Top

The New and Full Moons with their Quarters; also the Rising, Southing, and Setting of Jupiter to every fifth Day.

Below which are seven Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked with the Dominical Letters for the Year; the other Days after the Month of *August* are noted by their first Letters.

The third Column contains the Fasts and Festivals of the *Church of England*, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of *London*.

The seventh contains the Times when the Moon is in Apogee and Perigee, as also the Planets Mutual Aspects and Variation of the Air.

On the Tops of the Right-hand Pages

Are nine Columns, containing the true Longitude and Declination of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 5th Day of the Month.

Below which

Are four other Columns. The first is the Days of the Month.

The second Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column under Observations, you have the Rising, Southing, and Setting of *Saturn*, *Mars*, *Venus*, and *Mercury* to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

*Note.* You have the Longitude and Declination of *Mercury*, in the Page after *December*.

# January 1753.

New Moon the 4th day, at 3 in the asern.

First Quarter the 12th day, at 4 in the asern.

Full Moon the 19th day, at 11 in the morn.

Last Quarter the 26th day, at 6 in the morn.

Days	Jupiter.	
	South.	sets.
1	11A 54	8M 12
6	11 30	7 48
11	11 6	7 26
16	10 41	7 1
21	10 18	6 38
26	9 54	6 14

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and Weather.
D	D	Orises & sets.	rises.	Place.	Declin.	
1	M	Circumcision	5M 13	7 ↑ 20	19 S 31	8 ☉ ♃
2	T	Sun rise 8 15	6 4	19 22	20 4	Much wet and winterly Weather.
3	W	Sun set 3 45	D sets	1 W 21	19 42	
4	Th		4A 20	13 15	18 26	
5	F	Cl. fast 6m.	5 20	25 8	16 26	
6	S	Epiphany	6 30	7 ☿	4 13	44
7	G	1S. aft. Epip.	7 27	19 0	10 27	
8	M	Lucian	8 33	1 ☿	0 6	46
9	T		9 38	13 6	2 45	6 ☉ ☿
10	W	P's. El'z. bor.	10 47	25 21	1 N 28	More settled.
11	Th	Sun rise 8 7	11 55	7 V	47 5	35
12	F	Sun set 3 56	Morn.	20 28	9 35	
13	S	1 Filary Bp.	1 6	3 ☿	30 13	16
14	G	2S. aft. Epip.	2 15	16 59	16 20	Camb. Term beg. * ♄ ☿
15	M		3 25	0 II	59 18	38
16	T	Day br. 5 52	4 35	15 17	19 49	
17	W		5 34	29 55	19 40	Rain or Sleet.
18	Th	Prisca Virg.	D rises.	15 ☿	13 18	7
19	F	Sun rise 7 56	4A 50	0 ☿	29 15	16
20	S	Sun set 4 6	6 13	15 46	11 22	
21	G	3S. aft. Epip.	7 38	0 W	46 6	20
22	M	Vincent	8 58	15 31	1 52	Agnes
23	T	Term begins	10 16	29 46	2 S 58	* ♄ ☿
24	W	Cl. fast 13m	11 31	13 ☿	30 7	30
25	Th	Con. St. Paul	Morn.	26 44	11 30	Clear sharp Winds and Snow.
26	F	Sun rise 7 46	0 39	9 m	36 14	49
27	S	Sun sets 4 16	1 45	22 2	17 23	
28	G	4S. aft. Epip.	2 49	4 ↑	23 19	4
29	M		3 48	16 27	19 52	
30	T	K. Ch. I. Ma.	4 40	28 23	19 46	
31	W		5 20	10 W	18 18	46



# February 1753.

New Moon the 3d day, at 10 in the morn.  
 First Quarter the 11th day, at 5 in the morn.  
 Full Moon the 17th day, at 9 at night.  
 Last Quarter the 24th day, at 11 at night.

Days	Jupiter.	
	South	sets.
1	9A 27	5M 47
6	9 6	5 26
11	8 45	5 6
16	8 23	4 44
21	8 7	4 28
26	7 43	4 4

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	rises.	Place.	Declin.	Weather.
1	C		5M 54	22V 11	16S 56	
2	F	Purif. V. M.	6 26	4 5	14 26	Snow, or cold
3	S	Blaze Bp.	☾ sets.	16 11	11 17	Rain.
4	G	5 S. aft. Epip.	6A 38	28 1	7 32	
5	M	Sun rise 7 28	7 25	10X 11	3 45	
6	T	Sun set 4 34	8 30	22 17	0N 20	☿ ♀ ☽
7	W		9 39	4V 44	4 32	
8	C	Day br. 5 20	10 48	17 19	8 33	Frost and sharp
9	F		11 53	0 8	4 12	☐ ♀ ♀
10	S	Sun rise 7 18	Morn.	13 6	15 26	Weather.
11	G	6 S. aft. Epip.	1 6	26 29	17 56	
12	M	Term ends.	2 14	10II 14	19 13	☐ ♀ ♀
13	T	Sun set 4 48	3 21	24 19	19 47	☐ ♂ ♀
14	W	Valentine	4 11	8 46	18 49	
15	C		4 55	23 47	15 36	
16	F	Cl. fast 15 m.	5 35	8 56	13 10	
17	S		☾ rises.	24 5	8 56	
18	G	Septuagesim.	6A 26	9 5	4 2	Mild Weather for
19	M	Sun rise 7 1	7 46	23 43	0S 47	the Time of the
20	T	Sun set 5 1	9 5	7 58	5 33	Year.
21	W		10 21	21 52	9 53	* ☉ ♀
22	C	Day br. 4 48	11 34	5 12	13 35	
23	F		Morn.	18 10	16 26	
24	S	St. Matthias	0 37	0 46	18 28	Δ ☉ ♀
25	G	Sexagesima	1 40	13 1	19 30	
26	M	Sun rise 6 47	2 33	25 7	19 39	Fair and settled.
27	T	Sun set 5 15	3 19	7 2	18 56	
28	W		4 0	18 54	17 15	* ♀ ♀

Wing.	Days	Saturn.		Jupiter.		Mars.		Venus.	
		☿	Declin.	♃	Declin.	♂	Declin.	♀	Declin.
Feb. 1753.	1	2 15	22 S 31	7 0 23	N 26 29	18 23 S 48	22 24	3 S 44	
	6	2 43	22 31	6 30 23	29 2 V 13	23 52	28 20	1 8	
	11	3 11	22 30	6 9 23	30 5 30	23 49	4 V 15	1 N 29	
	16	3 47	22 30	5 55 23	32 10	9 23	37 10	6 4	7
	21	4 1	22 30	5 48 23	32 13	58 23	27 15	53 6	41
	26	4 23	22 29	5 41 23	32 17	27 23	5 21	36 9	5

M	Sun's Place.	Sun's Declin.	Observations.
1	12 56	16 S 58	☿ Apog. 26 ☿ 45.
2	13 55	16 40	♀ Max. Elong. 25° 35' rises before the
3	14 56	16 23	Sun 1 h. 15 min.
G 15	57 16	5	Day 9 h. long, increas. 1 h. 36 min.
5	16 58	15 40	
6	17 58	15 28	Venus sets about half an hour after 8 in
7	18 59	15 9	the evening.
8	20 0	14 50	
9	21 0	14 31	Saturn rises about 5 in the morn and Mars
10	22 1	14 11	about a quarter of an hour after.
G 23	2 13	52	Sirius South at 9 at night.
12	24 2	13 32	Day 9 h. 30 m. long, increased 2 h. 6 m.
13	25 3	13 11	
14	26 3	12 51	
15	27 4	12 30	☿ Perig. 28 ♄ 17.
16	28 4	12 10	
17	29 5	11 49	
G ♄	5 1	27	Sun enters ♄ 27 m. after 9 in the morn.
19	1 0	11 6	
20	2 7	10 45	Day 10 h. long, increased 2 h. 36 m.
21	3 6	10 23	Venus sets 16 m. after 9 at night.
22	4 7	0 1	Procyon South at 9 at night.
23	5 7	9 39	Saturn rises at 4 in the morn.
24	6 7	9 17	Mars rises 52 min. after 4 in the morn.
G 7	7 7	8 55	Pollux South at 9 at night.
26	8 8	8 32	
27	9 8	8 10	Day 10 h. 30 m. long, increas. 3 h. 6 m.
28	10 8	7 47	☿ Apog. 29 ☿ 49.

# March 1753.

New Moon the 5th day, at 3 in the morn.  
 First Quarter the 12th day, at 3 in the after.  
 Full Moon the 19th day, at 7 in the morn.  
 Last Quarter the 26th day, at 6 in the after.

Days	Jupiter.	
	South.	sets.
1	7A 34	3M 55
6	7 8	3 29
11	6 57	3 18
16	6 39	3 0
21	6 22	2 43
26	6 4	2 25

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and Weather.
D	D	Orises & sets.	rises.	Place.	Declin.	
1	C	David	4M 36	0 47	15 S 4	Fair at the Be ginning.
2	F	Chad	4 58	12 42	12 9	
3	S	Sun rise 6 37	5 19	24 44	8 31	
4	G	Shrove Sund.	sets.	6 54	4 40	* h q
5	M	Pfs Hesse b.	6 A 21	19 9	0 47	
6	T	Shrove Tues.	7 32	1 54	3 N 22	
7	W	Ash Wednes.	8 43	14 9	7 29	Δ h q * y q
8	C	Cl. fast 11 m.	9 53	27 4	11 17	
9	F	Sun rise 6 25	10 55	9 59	14 35	
10	S	Sun set 5 37	Morn.	23 9	17 13	Gentle Winds, and some Rain.
11	G	1 S. in Lent	0 16	6 38	18 56	
12	M	Gregory	1 14	20 22	19 35	
13	T		2 6	4 23	19 4	8 h y
14	W	Ember Week	3 1	18 39	17 21	
15	C	Sun rise 6 11	3 38	3 11	14 29	
16	F	Sun set 5 51	4 12	17 52	10 41	6 o q High Winds.
17	S	Day br. 4 7	4 46	2 36	6 14	
18	G	2 S. in Lent	D rises.	17 14	1 26	
19	M	Pfs Louisa b.	6 A 42	1 45	3 S 25	Calm and settled. Fr. Edward born
20	T	Equ. D. & N.	8 2	15 57	7 59	
21	W	Benedict	9 14	29 42	12 0	
22	C	Sun rise 5 57	10 26	13 2	15 9	□ o h □ o y
23	F	Sun set 6 3	11 31	26 5	17 36	
24	S		Morn.	8 45	19 3	
25	G	Lady-Day	0 29	21 5	19 31	Fair.
26	M		1 20	3 10	19 5	
27	T	Sun rise 5 47	2 1	15 4	17 47	
28	W	Sun set 6 15	2 35	27 1	15 45	
29	C	Cl. fast 4 m.	3 6	8 54	13 3	
30	F		3 30	20 53	9 48	
31	S		3 55	2 59	6 4	

Wing.	Days	Saturn.		Jupiter.		Mars.		Venus.	
		W <sup>o</sup>	Declin.	♄	Declin.	W <sup>o</sup>	Declin.	V	Declin.
Mar. 1753.	1	4 35	22 S 28	5 40	23 N 33	19 37	22 S 45	25 1	10 N 40
	6	4 55	22 27	5 42	23 33	23 17	22 14	0 35	13 2
	11	5 13	22 27	5 51	23 33	26 57	21 38	6 2	15 13
	16	5 30	22 26	6 2	23 33	0 38	20 58	11 25	17 23
	21	5 44	22 26	6 20	23 33	4 20	20 11	16 39	19 15
	26	5 56	22 25	6 40	23 33	8 19	20 21	45 21	4

M D	Sun's Place.	Sun's Declin.	Observations.
1	11 ♄	8 7 S 24	Venus sets 38 m. after 9 at night.
2	12	8 7 1	
3	13	8 6 38	Saturn rises 36 m. after 3 in the morn.
G 4	14	8 6 15	Mars rises 50 m. after 4 in the morn.
5	15	8 5 52	
6	16	8 5 29	Day 11 h. long, increas. 3 h. 36 m.
7	17	8 5 5	
8	18	8 4 42	
9	19	8 4 19	
10	20	7 3 55	Præsepe South at 9 at night.
G 21	7 3 32	Venus sets 8 m. after 10 at night.	
12	22	7 3 8	
13	23	6 2 44	Day 11 h. 30 m. long, increas. 4 h. 6 m.
14	24	6 2 21	♄ Perig. 1 ♄ 20.
15	25	6 1 57	
16	26	5 1 33	Mars rises half an hour after 4 in the morn.
17	27	5 1 10	
G 28	4 0 46		
19	29	4 0 22	Sun enters ♄, or the Spring Quarter be-
20	♄	3 0 N 1	gins the 20th day, 31 m. after 10 morn.
21	1 3 0 25	Day 12 h. long, increased 4 h. 36 m.	
22	2 2 0 49	Now smiling nature greets the verdant spring,	
23	3 2 1 12	And the silvestrial choir their dirges sing ;	
24	4 1 1 36	Now every bank and every bush prepares,	
G 5	0 1 59	Some new-born sight, to please our eyes and	
26	6 0 2 23	ears.	
27	6 59 2 46	Day 12 h. 30 m. long, increased 5 h. 6 m.	
28	7 58 3 10	♄ Apog. 2 ♄ 53.	
29	8 57 3 33	Elong. ♀ 48 deg. 28 min. sets 4 h. 40 m.	
30	9 56 3 56	after the Sun.	
31	10 55 4 20		

April 1753.

New Moon the 3d day, at 7. at night.

First Quarter the 10th day, at 10 at night.

Full Moon the 17th day, at 6 in the after.

Last Quarter the 25th day, at 1 in the after.

Days	Jupiter.	South.	fets.
1	5A	46	2M 7
6	5	23	1 44
11	5	14	1 34
16	4	59	1 19
21	4	43	1 4
26	4	27	0 47

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	rises.	Place.	Declin.	Weather.
1	G	Midlent Sun.	4M 16	15X15	2S 3	Windy.
2	M	Sun rise 5 35	4 38	27 42	2N 5	
3	T	Sun set 6 27	D sets.	10Y24	6 14	* ☉ ☿
4	W	Ambrose	7 A 45	23 16	10 7	
5	Th	Old Lady d.	8 58	68 24	13 39	Some gentle
6	F		10 6	19 46	16 32	Showers.
7	S	Day br. 3 19	11 15	3 II 20	18 30	
8	G	Passion Sund.	Morn.	17 4	19 26	
9	M	Sun rise 5 22	0 13	0 58	19 10	
10	T	Sun set 6 39	1 4	15 2	17 46	
11	W		1 48	29 13	15 15	
12	Th	Cl. fast 1m.	2 28	13Ω28	11 48	Fair.
13	F		2 57	27 4	7 39	
14	S	Sun rise 5 10	3 24	12 4	3 4	
15	G	Palm-Sund.	3 48	26 16	1S 38	
16	M	Sun set 6 54	4 12	10 22	6 15	Fine Rains.
17	T	Clocks true	D rises.	24 12	10 26	
18	W	with the Sun.	8A 11	7M 45	13 57	
19	Th	Alphage	9 11	20 58	16 47	Maunday Thurs.
20	F	Good Friday	10 27	3 55	18 43	
21	S	Sun rise 4 56	11 17	16 33	19 27	
22	G	Easter-day	12 0	28 52	19 16	
23	M	Monday	Morn.	10W 59	18 16	St. George
24	T	Tuesday	0 43	22 59	16 25	Very good
25	W	St. Mark	1 13	4 54	13 58	Δ ☉ h
26	Th	D. Cum. bor.	1 39	16 49	10 52	Spring Weather.
27	F	Sun rise 4 45	2 7	28 44	7 23	
28	S	Sun set 7 17	2 26	10X51	3 28	
29	G	Low Sunday	2 42	23 6	0N 36	
30	M	Day br. 2 9	3 7	5V 42	4 43	* ☉ ♀

Wing.	Days	Saturn.			Jupiter.			Mars.			Venus.		
		♄	Declin.		♃	Declin.		♂	Declin.		♀	Declin.	
April 1753.	1	6	6 22 S 24	7	13 23 N 32	12	29 18 S 12	27	42 22 N 57				
	6	6	8 22 24	7	44 23 30	16	11 17 11	2	25 24 14				
	11	6	10 22 24	8	17 23 28	19	52 16	7	6 53 23				
	16	6	9 22 24	8	52 23 25	23	33 15	0	11 2 26	15			
	21	6	7 22 23	9	32 23 22	27	16 13	20	14 53 26	56			
	26	6	2 22 23	10	16 23 20	0 57	12 34	18	19 27 22				

M	Sun's Place.	Sun's Declin.	Observations.
G 1	11 54	4 N 43	Saturn rises 55 min. after 1 in the morn. and South 40 min. after 5.
2	12 53	5 6	
3	13 52	5 20	
4	14 51	5 52	Cor Leonis South at 9 at night.
5	15 50	6 14	Day 13 h. long, increased 5 h. 36 m.
6	16 49	6 37	Saturn rises about 3 quarters of an hour after 1 in the morn. and Jupiter sets at the same time.
G 18	47	7 22	Juba Leonis South at 9 at night.
9	19 45	7 44	
10	20 44	8 6	
11	21 43	8 28	♄ Perig. 4 ♄ 24.
12	22 42	8 50	
13	23 40	9 12	Cambridge Term ends.
14	24 39	9 33	Max. Elong. ♀ 19 deg. 38 min. sets after the Sun 2 h. 7 min.
G 25	37	9 55	
16	26 36	10 16	Dubhe South at 9 at night.
17	27 34	10 37	♄ rises, eclipsed visible.
18	28 33	10 58	
19	29 31	11 19	Sun enters ♄ 34 min. after 11.
20	♄ 30	11 40	Day 14 h. long, increased 6 h. 36 m.
21	1 28	12 0	Venus sets 45 min. after 11 at night.
G 2	27	12 20	Mars rises 10 m. after 3 in the morn.
23	3 25	12 40	Arcturus South at midnight.
24	4 23	13 0	
25	5 22	13 20	♄ Apog. 5 ♄ 57.
26	6 20	13 39	
27	7 18	13 58	Day 14 h. 30 m. long, increased 7 h. 6 m.
28	8 16	14 17	
G 9	14	14 36	
30	10 12	14 54	

# May 1753.

New Moon the 3d day, at 8 in the morn.

First Quarter the 9th day, at 6 in the after.

Full Moon the 17th day, at 7 in the morn

Last Quarter the 25th day, at 7 in the morn.

Days	Jupiter.	
	South.	sets.
1	4 A 12	o M 32
6	4 o	Midn.
11	3 41	11 A 58
16	3 26	11 43
21	3 10	11 27
26	2 54	11 6

M	W	Holy Days.	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises & sets.	rises.	Place.	Declin.	Weather.
1	T	St. Phil. & Ja.	3 M 32	18 38	8 N 46	
2	W		D sets.	18 49	12 29	Gentle Showers
3	☾	Invent. Crofs	7 A 57	15 18	15 40	* ♀ ♂
4	F	Sun rise 4 32	9 7	29 5	17 58	of Rain.
5	S	Sun set 7 34	10 13	13 11	19 13	
6	G	2 S. aft. Easter	11 12	27 16	19 21	♂ ☉ ♀ to be seen
7	M	Cl. flow 4m	11 57	11 32	18 12	at the Sun's Rising
8	T		Morn.	25 50	15 55	with a good Te-
9	W	Term begins	0 32	10 5	12 41	lescope.
10	☾		1 2	24 16	8 45	* ♀ ♀
11	F	Sun rise 4 20	1 31	8 21	4 19	☐ ♂ ♀
12	S	Sun set 7 42	1 56	22 20	0 S 19	Δ ♀ ♂
13	G	3 S. aft. Easter	2 21	6 8	4 50	Mild pleasant
14	M		2 46	19 45	9 6	Weather.
15	T	Day br. 1 12	3 13	3 9	12 50	
16	W	Sun rise 4 12	☾ rises.	16 22	15 50	
17	☾	Sun set 7 49	8 A 13	29 22	18 2	
18	F		9 10	12 4	19 20	
19	S	Dunstan	10 1	24 32	19 27	
20	G	4 S. aft. Easter	10 40	6 50	18 44	Some small
21	M		11 17	18 57	17 13	Showers.
22	T	Sun rise 4 4	11 47	0 58	14 54	
23	W	Sun set 7 58	Morn.	12 53	12 0	
24	☾	Pr. Fr. W. b.	0 16	24 47	8 36	
25	F	Cl. flow 4m.	0 39	6 45	4 53	
26	S	Austin	1 3	18 50	0 54	
27	G	Rogat. Sund.	1 20	1 8	3 N 9	Fair and pleasant
28	M	Sun rise 3 56	1 36	13 42	7 11	☐ ♂ ♀
29	T	K. Ch. II. Re.	1 59	26 36	11 2	Weather.
30	W	Sun set 8 6	2 26	9 56	14 26	
31	☾	Ascension-d	3 23	41 17	6	

Wing.	D <sup>g</sup>	Saturn		Jupiter		Mars		Venus	
		♄	Decl	♃	Decl.	♂	Decl.	♀	Decl.
May 1753.	1	57	22 S	23 11	5 23 N	17 4	40 11 S	19 21	15 27 N
	6	48	22 24	11 55	23 12	8 21	10 0	23 33	27 40
	11	36	22 24	12 46	23 8	12 2	8 39	25 1	27 33
	16	22	22 25	13 39	23 3	15 44	7 17	25 57	27 7
	21	8	22 25	14 35	22 58	19 23	5 54	25 46	26 29
	26	4	22 26	15 32	22 52	23 1	4 31	24 32	25 42

M.D	Sun's Place.	Sun's Declin	Observations.
1	11 8	11 15 N	12 Denob south at 9 at night.
2	12	9 15	30 Cambridge Term begins.
3	13	7 15	48 Sun eclipsed, Invisible.
4	14	5 16	5 Day 15 h. long, increased 7 h. 36 m.
5	15	3 16	22 Saturn rises at midnight.
G 6	16	1 16	39 Mars rises 45 m. after 2 in the morning.
7	16	59 16	56
8	17	57 17	12 D Perig. 7 ♄ 29.
9	18	55 17	28
10	19	52 17	44
11	20	50 17	59 Saturn south 30 m. after 2 in the morning.
12	21	48 18	14 Venus sets about a quarter after 11 at night.
G 22	46	18 29	
14	23	44 18	44 Day 15 h. 30 m. long, increased 8 h. 6 m.
15	24	41 18	58
16	25	39 19	12 Serpent's Neck south at midnight.
17	26	37 19	25
18	27	34 19	39
19	28	32 19	52 Alioth south at 9 at night.
G 29	30	20 4	4 Sun enters ♀ 30 m. after midnight.
21	0 ♀	27 20	16 Mars rises at 2 in the morning.
22	1	25 20	28 D Apog. 9 ♃ 1.
23	2	22 20	40
24	3	20 20	51
25	4	18 21	2 Day 16 h. long, increased 8 h. 36 m.
26	5	15 21	12 Saturn rises about 9 at night, south 10 m.
G 6	13	21 22	after 2 in the morning.
28	7	10 21	32 Antares south at midnight.
29	8	8 21	42
30	9	5 21	51
31	10	2 21	59

June 1753.

Days Jupiter  
Sou. Sets

New Moon the 1st day, at 6 in the aftern  
First Quarter the 8th day, at 9 in the morn  
Full Moon the 15th day, at 8 at night.  
Last Quarter the 23d day, at 11 at night.

1	2	A35	10A	50
6	2	19	10	32
11	2	3	10	15
16	1	46	9	58
21	1	30	9	42
26	1	15	9	27

M.D.	Holy-Days, Festivals & fets.	Moon sets	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F. <b>Tricomed.</b>	D sets	7 H 40	18 N 55	* 4 ♀
2	S	8 A 53	22 15	19 30	
3	G. 68. aft. Easter.	9 46	6 54	18 46	
4	M. Pr. Wales bo.	10 28	21 38	16 48	Term ends.
5	T. <b>Boniface.</b>	11 4	6 17	13 43	
6	W. Sun rise 3 48	11 33	20 47	9 53	Clear, pleasant
7	Th. Sun set 8 13	Morn.	5 7	5 29	air.
8	F. Cl. flow 2 m.	0 21	19 12	0 52	♂ ☉ ♀
9	S	0 26	2 56	3 S 40	
10	G. Whit-Sunday	0 50	16 26	8 1	□ ♀ ♂
11	M. Monday.	1 13	29 44	11 52	
12	T. Tuesday.	1 43	12 46	15 2	
13	W. <b>Ember-Week</b>	2 12	25 35	17 27	Some gentle
14	Th. Sun rise 3 43	2 54	8 9	18 34	breerzes and
15	F. Sun set 8 17	D rises	20 46	19 28	showers.
16	S. Clocks true.	8 A 36	3 5	6 19	* ♂ ♀
17	G. Trinity-Sund.	9 11	15 16	17 50	St. Alban.
18	M. Noreal Night,	9 41	27 20	15 58	
19	T. but twilight.	10 7	9 18	13 3	♂ ♀ ♀
20	W. <b>Edward.</b>	10 31	21 13	9 29	* ♂ ♀
21	Th. Corpus Christ.	10 51	3 4	6 12	Longest-Day.
22	F. <b>K. Geo. II In</b>	11 10	14 57	2 20	Term begins.
23	S. Sun rise 3 42	11 34	27 0	1 N 39	8 ☉ ♀
24	G. St. John Bapt.	11 54	9 16	5 40	
25	M. Sun set 8 18	Morn.	21 51	9 33	
26	T. <b>K. Geo. II. Pr.</b>	0 20	4 47	13 5	Warm and
27	W.	0 53	18 5	16 4	cloudy.
28	Th. Sun rise 3 43	1 29	1 53	18 15	
29	F. <b>S. Pet. &amp; Paul</b>	2 17	16 11	19 20	□ ♀ ♂
30	S. Sun set 8 16	D sets	0 51	19 13	

Wing.	♂	Saturn	Jupiter	Mars	Venus
		♄ Decl.	♃ Decl.	♂ Dec.	♀ Decl.
June	14	29 22 S 27	16 43 22 N 44	27 20 2 S 52	21 51 24 N 33
753.	64	8 22 28 17 45 22 35	0 55 1 30 18	52 23 2	
	113	48 22 28 18 46 22 29	4 30 0 40 16	52 21 32	
	163	27 22 29 19 49 22 20	8 6 1 N 17 13	1 20 9	
	213	4 22 30 20 53 22 10	11 34 2 35 10	58 18 57	
	262	43 22 31 21 58 22 0	15 03 54 9	42 18 8	

U.N.	Sun's Place.	Sun's Declin.	Observations.
1	11 11 0	22 N 7	Venus sets 54 m. after 8 in the evening.
2	11 57 22	15	Saturn rises 50 m. after 9 at night.
3	12 55 22	23	Saturn south 36 m. after 1 in the morning.
4	13 52 22	29	
5	14 49 22	36	D Perige. 10 Ω 23.
6	15 47 22	43	
7	16 44 22	49	
8	17 41 22	54	Arcturus south at 9 at night.
9	18 39 22	59	Day 16 h. 30 m. long, incr. 9 h. 6 m.
10	19 36 23	4	
11	20 33 23	8	Saturn south at 1 in the morning, at which time Mars rises.
12	21 31 23	12	
13	22 28 23	16	
14	23 25 23	19	
15	24 22 23	21	
16	25 20 23	23	Venus rises 12 m. after 3 in the morning.
17	26 17 23	25	
18	27 14 23	27	Draco south at midnight.
19	28 11 23	28	D Apoge. 12 ♄ 5.
20	29 9 23	28	Longest-day 16 h. 36 m. long, inc. 9 h. 12 m.
21	♄ 6 23	28	Sun enters ♄ 23 m. after 9 in the morning.
22	1 3 23	28	Saturn rises about 25 m. after 8 in the evening, south a quarter after midnight.
23	2 0 23	27	
24	2 57 23	26	Northern Crown south at 9 at night.
25	3 55 23	25	
26	4 52 23	23	Venus rises half an hour after 2 in the morning.
27	5 49 23	21	
28	6 46 23	18	Lyrae or Shining-Harp south at midnight.
29	7 43 23	15	Serpent's Neck south at 9 at night.
30	8 41 23	11	

July 1753.

Days Jupiter  
Sun. Sets

New Moon the 11th day, at 1 in the morn. 1 0A 58 9A 6  
First Quarter the 7th day, at 4 in the aftern 6 0 43 8 49  
Full Moon the 15th day, at 10 in the morn. 11 0 28 8 32  
Last Quarter the 23d day, at noon. 16 0 12 8 16  
New Moon the 30th day, at 8 in the morn. 21 11M 59 Rise  
26 11 39 3M 37

M.D.	W.D.	Holy-Days, Orises & sets	Moon sets	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	G	2 S. aft. Trin	8A 36	15 49	17N 46	
2	M	Visit. W. P.	9 2	0 55	15 4	
3	T	Sun rise 3 45	9 30	16 11	48	6 0 8
4	W	Sun set 8 14	9 58	0 50	7 0	Thunder,
5	T	2. Whit. Day	10 23	15 22	2 24	and some
6	F		10 49	29 32	2 S 23	showers.
7	S	Cl. fast 4 m.	11 15	13 19	6 51	
8	G	3 S. aft. Trin	11 42	26 44	10 49	□ 8 8
9	M	Sun rise 3 50	Morn.	9 48	14 13	6 4 8
10	T	Sun set 8 9	0 11	22 36	17 48	
11	W	Term ends.	0 46	5 12	18 32	Fair.
12	T		1 30	17 33	19 20	□ 4 8
13	F	Sun rise 3 53	2 22	29 55	19 14	
14	S	Sun set 8 6	3 12	12 48	18 16	Showery.
15	G	4 S. aft. Trin	D rises	24 6	16 26	S. Swithin.
16	M		8A 5	6 4	13 55	
17	T	Cl. fast 6 m.	8 31	17 58	10 53	
18	W	Sun rise 3 59	8 54	29 50	7 23	
19	T	Sun set at 8	9 14	11 45	3 34	6 0 4
20	F	Margaret.	9 35	23 43	0 N 22	* 8 8
21	S		9 55	5 45	4 20	
22	G	5 S. aft. Trin	10 21	18 0	8 10	Mary Magdal.
23	M	Sun rise 4 5	10 49	0 8 31	11 44	
24	T	Sun set 7 53	11 20	13 21	4 54	Clear, and
25	W	St. James.	Morn.	26 34	17 21	inclin'd to
26	T	St. Anne.	0 3	10 15	8 53	heat.
27	F		0 54	24 32	19 20	
28	S	Sun rise 4 13	1 53	9 13	18 32	
29	G	6 S. aft. Trin	3 6	24 16	6 24	□ 0 8
30	M	Dog-days beg	sets	9 36	13 8	△ 1 8
31	T	Sun set 7 43	7A 56	24 5	8 57	

Wing.	♄	Saturn	♃	Jupiter	♂	Mars	♂	Venus	♀
		♄	Decl.	♃	Decl.	♂	Decl.	♀	Decl.
	12	21	22 S	32	23	4	21 N	50	18
	6	2	0	22	33	24	36	21	38
July	11	1	40	22	34	25	15	21	29
1753.	16	1	20	22	35	26	22	21	35
	21	1	0	22	36	27	28	21	52
	26	0	42	22	36	28	35	20	19
									40

W	Sun's	Sun's	Observations.	
U	Place.	Declin.		
G	9 <sup>25</sup> 38	23 N	7	Saturn sets 16 m. after 3 in the morning.
	2 10	35	3	♄ Perig. 13 ♄ 38.
	3 11	32	2	58 Commencement-day at Cambridge.
	4 12	29	22	53 Day 16 h. 30 m. long, decreased 6 m.
	5 13	27	22	48
	6 14	24	22	42 Cambridge-Term ends.
	7 15	21	22	35 Mars rises at midnight.
G	16	18	22	29
	9 17	15	22	21 Antares or Scorpion's Heart south at 9 at
	10 18	13	22	14 night.
	11 19	10	22	6 Mars rises 34 m. after 11 at night.
	12 20	7	21	58 Saturn sets 25 m. after 2 in the morning.
	13 21	4	21	49 Venus rises 40 m. after 1 in the morning.
	14 22	2	21	40
G	22	59	21	31 Bright * of Aquila south at midnight.
	16 23	56	21	21 ♄ Apog. 15 <sup>30</sup> 9.
	17 24	53	21	11
	18 25	51	21	0
	19 26	48	20	50 Day 16 h. long, decreased 36 m.
	20 27	45	20	38
	21 28	43	20	27 Saturn south at 10 at night.
G	29	40	20	15 Princess Carolina Matilda born.
	23 ♄	37	20	3 ☉ enters ♄ the 22d day, 17 m. after 8 even.
	24 1	35	19	50 Mars rises at 11 at night.
	25 2	32	19	37 Venus sets 15 m. after 1 in the morning.
	26 3	29	19	24
	27 4	27	19	11
	28 5	24	18	57
G	6	21	18	43
	30 7	19	18	28 ♄ Perig. 16 ♄ 43. Day 15 h. 30 m. long,
	31 8	16	18	12 Day decreased 1 h. 10 m.

# August 1753.

Jupiter  
Rises | Sets

First Quarter the 6th day, at 1 in the morn.

Full Moon the 13th day, at midnight.

Last Quarter the 21st day, at midnight.

New Moon the 28th day, at 3 in the aftern.

1	3	M	2	1	1	M	2	1
6	3		8	11		6		
11	2	55	10	53				
16	2	42	10	38				
21	2	32	10	24				
26	2	18	10	10				

N.D.	W.D.	Holy-Days, Rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	W	Lammas-day.	8A 24	9m 55	4N 14	
2	T	Sun rise 4 20	8 51	24 45	0 S 38	Fine, pleasant
3	F	Sun set 7 39	9 17	9 5	5 18	weather.
4	S		9 42	23 2	9 34	
5	G	7 S. aft. Trin.	10 12	6m 30	4 12	
6	M	Transfig.	10 50	19 32	16 1	
7	T	Day br. 1 40	11 31	2 14	18 0	8 h ♀
8	W	Sun rise 4 30	Morn.	14 44	19 4	Δ δ ♀
9	T	Sun set 7 28	0 17	27 2	19 12	
10	F	Laurence.	1 14	9 13	18 28	
11	S	Prs. Augustab.	2 5	21 9	16 54	Cloudy,
12	G	8 S. aft. Trin.	3 5	3 5	14 38	Dist. Lammas-day
13	M		D rises	14 59	11 44	but not
14	T	Sun rise 4 41	7A 2	26 53	8 22	much
15	W	Sun set 7 17	7 23	8 47	4 38	Assumpt. V. M.
16	T		7 45	20 44	0 46	rain.
17	F	Cl. fast 4 m.	8 6	2 45	3N 11	
18	S		8 30	14 54	7 2	
19	G	9 S. aft. Trin.	8 54	27 13	10 41	
20	M	Sun rise 4 52	9 26	9 38	13 51	Very fine
21	T	Sun set 7 6	10 2	22 33	16 29	weather.
22	W		10 43	5 44	18 16	
23	T	Day br. 2 38	11 41	19 26	19 7	Δ ○ h
24	F	St. Bartholom.	Morn.	3 25	18 50	
25	S		0 49	17 49	17 21	
26	G	10 S. aft. Trin.	2 1	2 48	14 47	
27	M	Sun rise 5 6	3 19	18 6	10 52	Somewhat
28	T	Sun set 6 52	D sets	3 13	6 27	windy.
29	W	Decol. J. B.	6A 58	18 18	1 36	Δ δ ♀
30	T	Clocks go true	7 28	3 18	3 S 18	
31	F		7 52	17 58	7 53	

Wing	Days	Saturn		Jupiter		Mars		Venus	
		♄	Decl.	♃	Decl.	♂	Decl.	♀	Decl.
Aug. 1753.	1	0 24 22	37 19	55 20	N 35	8 15 12	N 8 24	41 19	N 10
	6	0 11 22	38 18	1 20 21	11 9 13	4 28 39	19 31		
	11	29 57 22	38 2	6 20 9	13 56 13	56 32 12	19 49		
	16	29 49 22	39 3	11 19 54	16 33 14	44 7 51	19 58		
	21	29 41 22	40 4	26 19 39	19 6 15	32 12 40	20 c		
	26	29 37 12	41 5	18 19 26	21 34 16	8 17 40	19 50		

D	M	Sun's		Observations.	
		Place.	Declin.		
1	9	♈ 17	17 N 58	Saturn south 18 m. after 9 at night.	
2	10	11 17	43	Saturn sets at 1 in the morning.	
3	11	9 17	27	Venus rises at 1 in the morning.	
4	12	6 17	11		
G	13	4 6	55		
6	14	1 16	38	Mars rises 20 m. after 10 at night.	
7	14	5 16	22		
8	15	5 16	5		
9	16	5 15	48	Day 15 h. long, decreased 1 h. 36 m.	
10	7	5 15	30	Max. Elongation ♄ 27° 20' sets after the	
11	18	4 15	12	Sun 36 m.	
G	19	47 14	54		
13	20	45 14	36	♃ Apog. 18 <sup>m</sup> 14.	
14	21	43 14	17	Bright star of ♄ south at midnight.	
15	22	40 13	58		
16	23	38 13	40	Day 14 h. 30 m. long, decr. 2 h. 6 m.	
17	24	35 13	21		
18	25	33 13	1		
G	26	31 12	42		
23	27	29 12	22		
21	28	27 12	2	Mars rises 39 m. after 9 at night, south at	
22	29	25 11	42	5 in the morning.	
23	♊ 23	11 21	21	Sun enters ♊ 28 m. after 2 in the morning.	
24	1	21 11	1	Day 14 h. long, decreased 2 h. 36 m.	
25	2	19 10	40		
G	3	17 10	19		
27	4	15 9	58	♃ Perig. 19° ♈ 45'.	
28	5	13 9	37	Venus rises at 1 in the morning.	
29	6	11 9	15		
30	7	9 8	54		
31	8	7 8	32	Bright Star of Aquila south at 9 at night.	

September 1753.

Days Jupiter  
Rises. Sets.

First Quarter the 4th day, at 2 in the aftern.

Full Moon the 12th day, at 5 in the aftern.

Last Quarter the 20th day, at 9 in the morn.

New Moon the 26th day, at midnight.

1 2M 3 9M 53  
6 1 53 9 39  
11 1 38 9 24  
16 1 27 9 11  
21 1 14 8 56  
26 1 0 8 42

M.D.	Holy-Days, Rises & Sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1 S	Ches.	8 A 22	1m 51	11 5 45	* ♂ ♀ . * ♀ ♀
2 G	11 S. aft. Trin.	8 58	15 27	15 3	London burnt.
3 M	Sun rise 5 20	9 37	28 33	17 18	
4 T	Sun set 6 38	10 19	11 18	18 35	Fine,
5 W	Cl. flow 2 m.	11 10	23 47	19 2	season-
6 T	Dog days end	Morn.	6 18	1 18	33 able wea-
7 F		0 6	18 4	17 13	ther.
8 S	Nat. B.V.M.	1 7	0 15	15 9	
9 G	12 S. aft. Trin.	2 9	11 55	12 27	♂ ☉ ♀
10 M	Sun rise 5 34	3 11	23 49	9 16	
11 T	Sun set 6 24	4 16	5 42	5 39	
12 W		D rises	17 40	1 48	Overcast
13 T	Day br. 3 36	6 A 18	29 44	2 N 17	for rain.
14 F	Holy Hood.	6 44	11 55	5 59	
15 S		7 8	24 13	9 40	♂ ♀ ♀
16 G	13 S. aft. Trin.	7 33	6 41	12 57	
17 M	Lambert.	8 11	19 23	15 42	
18 T	Sun rise 5 50	8 56	2 22	17 44	
19 W	Ember Week.	9 44	15 35	18 48	Some
20 T	Sun set 6 6	10 55	29 10	18 52	showers.
21 F	St. Matthew.	11 55	13 5	17 47	
22 S		Morn.	27 15	15 35	☐ ☉ ♀
23 G	14 S. aft. Trin.	1 0	11 55	12 25	Equal D. and N.
24 T	Sun rise 6 2	2 21	26 43	8 27	△ ☉ ♂
25 T	Sun set 5 56	3 48	11 40	3 46	
26 W	St. Cypprian.	D sets	26 34	1 S 6	Rain towards
27 T	Cl. flow 9 m.	5 A 57	11 22	5 50	the end.
28 F		6 28	25 52	10 12	
29 S	St. Michael.	7 12	9 56	13 43	
30 G	15 S. aft. Trin.	7 40	23 36	16 24	

Wing.	D.	Saturn		Jupiter		Mars		Venus	
		†	Decl.	Ω	Decl.	8	Decl.	☿	Decl.
Sept. 1753.	1	29	34 <sup>12</sup> 42	6	32 <sup>19</sup> N	6	24 <sup>26</sup> 16N	58 <sup>23</sup>	52 <sup>19</sup> N
	6	29	34 <sup>22</sup> 43	7	32 <sup>18</sup>	50	26 <sup>30</sup> 17	29 <sup>29</sup>	10 <sup>18</sup>
	11	29	35 <sup>22</sup> 43	8	30 <sup>18</sup>	36	28 <sup>23</sup> 17	52 <sup>49</sup>	33 <sup>18</sup>
	16	29	43 <sup>22</sup> 44	9	27 <sup>18</sup>	23	29 <sup>58</sup> 18	25 <sup>10</sup>	4 <sup>17</sup>
	21	29	52 <sup>22</sup> 45	10	22 <sup>18</sup>	9	1 <sup>11</sup> 18	18 <sup>43</sup>	15 <sup>35</sup>
	26	Oct	0 <sup>22</sup> 46	11	16 <sup>17</sup>	55	2 <sup>24</sup> 19	7 <sup>21</sup>	20 <sup>14</sup>

☿	Sun's Place.	Sun's Declin.	Observations.
1	9 <sup>12</sup>	5 <sup>8</sup> N	11 Day 13 h. 30 m long, decreased 3 h. 6 m.
G 10	3	7 <sup>49</sup>	Saturn sets at 11 at night.
3 11	1	7 <sup>27</sup>	Fomalhaut south at midnight.
4 12	c	7 <sup>4</sup>	Mars rises at 9 at night.
5 12	58	6 <sup>42</sup>	
6 13	56	6 <sup>20</sup>	Hand of Antinous south at 9 at night.
7 14	55	5 <sup>57</sup>	
8 15	53	5 <sup>35</sup>	
G 16	51	5 <sup>12</sup>	☿ Apog. 21 <sup>19</sup> . Day 13 h. long.
10 17	50	4 <sup>50</sup>	Day decreased 3 h. 40 m.
11 18	48	4 <sup>26</sup>	Venus and Jupiter rise nearly together, at
12 19	47	4 <sup>3</sup>	half an hour after 1 in the morning.
13 20	45	3 <sup>40</sup>	
14 21	44	3 <sup>17</sup>	
15 22	43	2 <sup>54</sup>	Day 12 h. 30 m. long, decreased 4 h. 6 m
G 23	41	2 <sup>31</sup>	
17 24	40	2 <sup>7</sup>	
18 25	39	1 <sup>44</sup>	
19 26	37	1 <sup>21</sup>	
20 27	36	0 <sup>57</sup>	Saturn sets at 9 at night.
21 28	35	0 <sup>34</sup>	Bright * in Cassiopea's Chair, sou. at midn
22 29	34	0 <sup>11</sup>	Sun enters ☿ 37 m. after 10 at night
G ☿	32	0 <sup>S</sup>	☿ Perig. 22 <sup>51</sup> .
24 1	31	0 <sup>36</sup>	Day decreased 4 h. 40 m.
25 2	30	1 <sup>0</sup>	
26 3	29	1 <sup>23</sup>	Max. Elong. ☿ 17° 45'. rises before the
27 4	28	1 <sup>47</sup>	Sun 1 h. 46 m.
28 5	27	2 <sup>10</sup>	Venus rises at 2 in the morning.
29 6	26	2 <sup>34</sup>	
7	25	2 <sup>57</sup>	

October 1753.

Jupiter  
Days Rises. Sets.

First Quarter the 4th day, at 5 in the morn.

Full Moon the 12th day, at 9 in the morn.

Last Quarter the 19th day, at 5 afternoon.

New Moon the 26th day, at 11 in the morn.

1 0 M 48 8 M 48  
6 0 34 8 13  
11 0 20 7 58  
16 0 5 7 48  
21 11 A 50 7 25  
26 11 34 7 9

M.D.	W.D.	Holy-Days, Orises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M	Remigius.	8 A 23	6 4 50	18 S	9 Clear and
2	T	Sun rise 6 18	9 11	19 42	18	54 fair.
3	W	Sun set 5 40	10 8	2 14	18	40
4	Th		11 6	14 29	17	36 Δ h ♀
5	F	Cl. flow 12 m.	Morn.	26 31	15	43
6	S	Faith Virg.	0 7	8 26	13	10 * ○ 4. □ h ♀
7	G	165. aft. Trin.	1 10	20 19	10	11 □ δ ♀
8	M		2 14	2 14	6	40
9	T	St. Dennis.	3 20	14 8	2	57 Δ δ ♀
10	W	Old Mic. day.	4 19	26 11	0 N	55
11	Th	Sun rise 6 37	Drises	8 25	4	53 Change of
12	F	Sun set 5 21	5 A 22	20 45	8	40 air.
13	S		5 48	3 8	22	12 7
14	G	175. aft. Trin.	6 23	16 10	15	1
15	M	Day br. 4 50	7 0	29 11	17	13
16	T		7 47	12 26	18	46 Open and fine
17	W	Etheld. W.	8 45	25 42	18	52 clear
18	Th	St. Luke.	9 47	9 32	18	8 weather.
19	F	Sun rise 6 53	11 0	23 27	16	26
20	S	Sun set 5 5	Morn.	7 35	13	25
21	G	188. aft. Trin.	0 16	21 52	9	45
22	M	K. Gen. II. cr.	1 38	6 18	4	26
23	T		2 55	20 51	0	46 δ ○ ♀
24	W		4 15	5 24	3 S.	56 Some rain
25	Th	Crispin.	Drises	19 44	8	19 * ○ h
26	F	Sun rise 7 7	5 A 3	3 54	12	14 now abouts.
27	S	Sun sets 4 51	5 30	17 52	15	23
28	G	2. Sun & Jude.	6 22	1 25	17	33 19 S. after Trin
29	M		7 7	14 4	18	42
30	T	Cl. flow 16 m.	8 1	27 34	18	52
31	W		8 56	10 10	18	51

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r.

Wing.	♂	Saturn	Jupiter	Mars	Venus
		♄   Decl.	♃   Decl.	♂   Decl.	♀   Decl.
	1	0 12 22 S 46 12 4	17 N 42 3	11 19 N 25 27	11 12 N 43
	6	0 27 22 47 12 53	17 29 3	40 19 42	3 <sup>m</sup> 0 10 56
O&.	11	0 45 22 48 13 39	17 17 3	46 19 52	8 51 9 2
1753	16	1 5 22 48 14 22	17 6 3	29 20 16	14 47 7 0
	21	1 25 22 49 14 53	16 52 2	45 20 7	20 43 4 52
	26	1 46 22 50 15 37	16 46 1	49 10 8	26 44 2 40

☾	Sun's Place.	Sun's Declin.	Observations.
1	8 25	3 S 20	Day 11 h. 30 m. long, decreased 5 h. 6 m
2	9 24	3 44	Saturn sets a quarter after 9 at night.
3	10 23	4 7	Venus rises 25 m. after 2 in the morning.
4	11 22	4 30	
5	12 21	4 53	Pole Star south at midnight.
6	13 21	5 16	
7	14 20	5 39	D Apog. 24 <sup>m</sup> 22.
8	15 19	6 2	Day 11 h. 30 m. long, decreased 5 h. 36 m
9	16 19	6 25	
10	17 18	6 48	Mars south at 3 in the morning.
11	18 17	7 11	Cambridge Term begins.
12	19 17	7 34	Moon eclipsed, Invisible.
13	20 17	7 56	
14	21 16	8 19	
15	22 16	8 41	Day 10 h. 30 m. long, decreased 6 h. 6 m.
16	23 16	9 3	
17	24 15	9 25	
18	25 15	9 47	
19	26 15	10 9	Venus rises a quarter after 3 in the morn.
20	27 15	10 30	Fomahant south at 9 at night.
21	28 14	10 52	D Perig. 25 55.
22	29 14	11 13	Day 10 h. long, decreased 6 h. 36 m.
23	30 14	11 34	Sun enters ♍ 12 m. after 6 in the morning
24	1 14	11 55	Saturn sets at 8 at night.
25	2 14	12 16	
26	3 14	12 36	Sun eclipsed, Visible.
27	4 14	12 57	
28	5 14	13 17	Bright Sol eclips'd, great Tumults oft foreshow ;
29	6 14	13 37	And open Wars from secret Plots do grow.
30	7 14	13 57	Day 9 h. 30 m. long, decreased 7 h. 6 m.
31	8 11	14 16	

# November 1753.

Jupiter  
Rises | Sets

First Quarter the 3d day, at 1 in the morn.  
Full Moon the 10th day, at midnight.  
Last Quarter the 18th day, at 1 in the morn.  
New Moon the 24th day, at midnight.

1	11	A	16	6	M
6	11	0	6	3	
11	10	4	6	1	
16	10	2	5	5	
21	10	1	5	3	
26	9	43	5	1	

M.D.	W.D.	Holy-Days, Orises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	All Saints.	10 A	0 22 28	16 5 26	
2	F	Prs. Orange b.	11	4 4 31	14 6	All Souls.
3	S	Sun rise 7 22	Morn.	16 21	11 14	☐ 4 8
4	G	20 S. aft. Trin.	0	4 28 19	7 51	Clear, sharp
5	M	Powder-Plot.	1	7 10 17	4 11	air.
6	T	Term begins.	2	12 22 17	0 19	Leonard.
7	W	Pr. H-Fred. b.	3	20 4 23	3 N 35	
8	T	Sun rise 7 32	4	35 16 38	7 25	
9	F	Sun set 4 26	5	31 29 8	10 58	☐ ☉ 4
10	S	K. Geo. II. bo:	D rises	12 8 5	14 9	Wet.
11	G	21 S. aft. Trin.	5 A	0 25 12	16 38	St. Martin.
12	M	Cl. flow 16 m.	5	45 8 32	18 19	
13	T	Witius, Bp	6	36 22 18	18 58	Cold, sharp
14	W		7	41 6 9	8 27	weather.
15	T	Wachutus.	8	49 20 8	16 51	
16	F	Sun rise 7 46	10	2 4 14	14 13	
17	S	Sun set 4 13	11	22 18 24	0 45	8 ☉ 8
18	G	22 S. aft. Trin.	Morn.	2 35 6	38	
19	M	Day br. 5 45	0	39 16 4	2 9	Windy.
20	T	Em. K. and M.	1	56 0 56	2 S 26	
21	W		3	24 14 59	6 51	
22	T	Wart-day.	4	28 28 53	10 53	Cecilia.
23	F	Clement.	5	41 12 38	14 12	☐ 4 8
24	S	Cl. flow 13 m.	D sets	26 15 16	48	
25	G	23 S. aft. Trin.	4 A	52 9 38	Cath.	Pr. Will.-Hen.
26	M	Sun rise at 8	5	41 22 40	18 57	* h 8
27	T	Sun set 3 59	6	39 5 28	18 32	Rain and
28	W	Term ends.	7	38 18 0	17 12	cold winds.
29	T		8	44 0 20	15	
30	F	St. Andrew.	9	45 12 24	12 21	Prs. Dow. Walce



December 1753.

Jupiter  
Days Rises. Sets.

First Quarter the 2d day, at 10 at night.  
Full Moon the 10th day, at 2 in the aftern.  
Last Quarter the 17th day, at 9 in the morn.  
New Moon the 24th day, at 4 in the aftern.

☾	☼	Holy-Days, ☉ rises & sets.	Meon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	S	Sun rise 8 7	10 A 49	24 20	9 S 0	
2	G	Advent-Sund.	11 52	6 X 10	5 36	Open, fair
3	M	Sun set 3 51	Morn. 18	1	1 49	weather.
4	T	Cl. flow 9 m.	1 0	29 58	2 N 4	
5	W		2 1	12 Y 7	5 55	
6	Th	Nicolas B.	3 5	24 32	9 37	☐ 4 ♀ . 6 ♀ 8
7	F		4 15	7 8 13	12 57	☐ ♂ 8 . 8 ♂ 8
8	S	Conc. M. B.	5 21	20 14	15 46	Δ ☉ 4
9	G	2 S. in Advent.	6 25	3 II 41	17 48	
10	M	Sun rise 8 15	☉ rises 17	28 18	54	Rough, winterly
11	T	Sun set 3 45	5 A 21	1 34	18 48	weather.
12	W		6 25	15 53	17 33	
13	Th	Lucy, Virg.	7 41	0 Ω 22	15 10	
14	F	Sun rise 8 18	8 56	14 50	11 50	
15	S	Sun set 3 42	10 14	29 14	7 49	
16	G	3 S. in Advent.	11 31	13 m 30	3 22	More settled
17	M	Day br. 6 6	Morn. 27	37 1	S 13	about this
18	T		0 47	11 32	5 42	☐ 4 ♂
19	W	Ember Week.	2 0	25 19	9 47	time.
20	Th	Sun rise 8 18	3 19	8 m 49	13 18	
21	F	St. Thomas.	4 30	22 9	16 5	Shortest-Day.
22	S	Sun set 3 42	5 37	5 25	17 57	♂ 7 ♀
23	G	4 S. in Advent.	6 38	18 25	18 54	
24	M	Clocks go true	☉ sets 11	12 18	49	Frosty
25	T	Christm. Day.	5 A 13	13 47	17 50	♂ ☉ ♀
26	W	St. Stephen.	6 17	26 12	15 57	air, with
27	Th	St. John.	7 18	8 25	13 29	some
28	F	H. Innocents.	8 20	20 25	10 25	
29	S	Sun rise 8 17	9 24	2 X 21	7 0	♂ ☉ ♀
30	G	18. aft. Christ.	10 29	14 11	3 16	downfall.
31	M	Witbitter.	11 32	26 2	0 N 38	

Wing.	♄	Saturn	Jupiter	Mars	Venus
	♄	♄ Decl.	♃ Decl.	♂ Decl.	♀ Decl.
	1 5	1 5 12 S 47	17 53 16 N 11	19 58 19 N 0	10 52 13 S 30
	6 5	47 22 46	17 53 16	12 18 51	18 51 17
Dec.	11 6	18 22 46	17 48 16	14 18 2	18 45 23
	16 6	52 22 45	17 37 16	18 17 30	18 43 29
753.	21 7	27 22 44	17 21 16	24 17 24	18 46 5
	26 8	1 22 42	17 1 16	31 17 33	18 51 12
					0 21 17

☿	Sun's Place.	Sun's Declin	Observations.
1	9 2 32	21 S 55	D Apog. 0 X 31.
2	10 3	22	4 Mars south 40 m. after 10 at night.
3	11 34	22 12	Mars sets 12 m. after 6 at night.
4	12 35	22 20	
5	13 35	22 28	
6	14 37	22 35	
7	15 38	22 42	Elong. ♂ 20° 38', sets after the Sun 1 hour
8	16 39	22 48	and 7 min.
9	17 40	22 54	
10	18 41	22 59	Day 7 h. 30 m. long, decreased 9 h. 6 m.
11	19 43	23	Saturn sets at 5 in the evening.
12	20 44	23	9 Venus rises 45 m. after 5 in the morning
13	21 45	23	First * in Orion's Girdle south at midnight.
14	22 46	23 17	
15	23 47	23 20	D Perig. 2 X 3.
16	24 48	23 22	Cambridge Term ends.
17	25 49	23 24	
18	26 50	23 26	
19	27 52	23 27	Mandibula south at 9 at night.
20	28 53	23 28	Mars south at 9 at night.
21	29 54	23 28	Sun enters ♄ 14 m. after 2 in the afternoon,
22	30 55	23 28	making the Shortest Day to all the Inha-
23	1 56	23 27	bitants of the Northern Hemisphere.
24	2 57	23 26	Day 7 h. 24 m. long.
25	3 59	23 25	
26	5 0	23 23	Venus rises at 6 in the morning.
27	6 1	23 20	
28	7 2	23 17	Sirius south at midnight.
29	8 3	23 14	D Apog. 3 X 34.
30	9 5	23 10	
31	10 6	23 5	Day increased 22 minutes.

# The Longitude of Mercury and Declination for the Year 1753.

Days	Janus.	Febru.	March	April	May	June
1	27 19	17 20	25 28	24 22	18 14	17 8
4	26 8	20 26	0 29	0 8	16 36	20 0
7	22 21	23 53	5 39	5 10	14 46	23 30
10	19 28	27 33	11 1	9 35	13 10	27 33
13	15 36	1 26	16 33	13 18	11 50	2 7
16	12 51	5 33	22 13	16 16	10 54	6 58
19	11 24	9 52	28 6	18 17	10 27	12 11
22	11 13	14 22	4 8	19 43	10 54	17 59
25	12 9	19 0	10 16	20 9	12 124	5
28	13 55	23 50	16 23	19 39	13 46	0 29
	July	August	Sept.	Octob.	Nov.	Dec.
1	7 3	3 59	23 57	22 23	14 22	29 3
4	13 36	8 0	22 10	27 22	19 5	2 51
7	20 1	11 46	19 9	2 28	23 44	6 15
10	26 14	15 10	15 31	7 40	28 20	9 5
13	2 19	18 13	13 23	12 52	2 54	10 58
16	8 7	20 51	11 50	18 2	7 26	11 24
19	13 40	22 58	11 8	23 6	11 56	10 13
22	18 51	24 26	12 30	28 7	16 23	7 22
25	23 45	25 22	14 47	3 5	20 45	3 24
28	28 21	25 15	18 18	7 59	25 0	29 29

## The Declination of Mercury to every Fifth Day.

Days	1	6	11	16	21	26
January	20 S 14	19 19	19 12	19 28	19 55	20 57
February	21 S 28	21 28	21 2	20 7	18 35	16 34
March	15 S 4	12 6	8 38	4 41	1 37	4 N 30
April	10 N 11	14 14	17 23	19 28	20 17	20 0
May	18 N 29	16 18	14 22	12 29	11 48	12 6
June	13 N 28	16 10	17 31	19 55	21 42	23 43
July	24 N 25	13 54	22 18	19 58	17 3	13 57
August	10 N 9	6 56	4 1	1 22	0 S 28	1 47
September	1 S 27	0 N 18	3 20	6 1	7 26	6 43
October	4 N 38	1 25	2 S 8	5 48	9 29	12 52
November	16 33	19 14	21 31	23 25	14 46	25 34
December.	25 51	25 20	25 35	23 16	12 6	20 42

# W I N G.

A

## PROGNOSTICATION,

For the Year of our

LORD GOD, 1753.

An Explanation of the Characters made use of in  
this Almanack.

### The Seven Planets and Five Aspects.

♄	Saturn
♃	Jupiter
♂	Mars
☉	The Sun
♀	Venus
☿	Mercury
☾	The Moon
♊	Conjunction
♋	Sextile
♌	Square
♍	Trine
♎	Opposition

Aspects.

### The Twelve Signs.

♈	Aries
♉	Taurus
♊	Gemini
♋	Cancer
♌	Leo
♍	Virgo
♎	Libra
♏	Scorpio
♐	Sagittary
♑	Capricorn
♒	Aquarius
♓	Pisces

Lands surveyed, divided and inclosed, and Maps of  
the same correctly delineated. Also Timber and Pole  
Wood surveyed, valued and sold by *Vincent Wing of  
Pickworth*, in the County of *Rutland*.

I. A Compendious Chronology of Memorable Things since the Creation to this present Year.

A.P.]	before Christ.		Years since.
710	4004	The Creation of the World	5757
1766	2948	Noah born	4701
2366	2348	Noah's Flood began	4101
2481	2233	The Babylonian Monarchy established	3986
2718	1996	Abraham born	3749
2986	1728	Joseph sold into Egypt	3481
3143	1571	Moses born	3324
3223	1491	The Israelites Departure out of Egypt	3244
3530	1184	Troy taken and destroyed by the Greeks	2937
3710	1004	Solomon's Temple built and dedicated	2757
4126	588	Jerusalem and the Temple destroyed	2341
4176	538	Daniel delivered from the Den of Lions	2291
4198	516	The Temple of Jerusalem rebuilt	2269
4391	323	The Death of Alexander the Great	2076
4710	4	The true Year of Christ's Birth	1757
4714	0	The vulgar Year of Christ's Birth	1753

A.D.			
33	The Passion and Resurrection of Jesus Christ	1720	
70	Jerusalem and the Temple destroyed by Titus	1682	
100	St. John, the last of the Apostles, dies Dec. 20.	1653	
313	Christianity triumphs under Constantine	1440	
476	Augustulus the last Roman Emperor deposed	1277	
606	The wicked Phocas makes Pope Boniface Head of the Church	1147	
608	Mahomet broaches his Imposture at Mecca	1145	
872	Italy and Rome plundered by the Saracens	881	
1012	Swain King of Denmark conquers England	741	
1066	William Duke of Normandy conquers England	687	
1110	Arts and Sciences taught in Cambridge	641	
1119	The first War between the French and English	634	
1300	The Mariners Compass invented	483	
1330	The Canaries discovered by an English Ship	423	
1380	Gunpowder and the Use of Guns first found out	373	
1453	Constantinople taken from the Christians	300	

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A.D.		Years since.
1463	The <i>Persians</i> conquered by <i>Tamerlane</i>	290
1500	<i>Rome</i> plundered by the Duke of <i>Bourbon</i>	251
1517	<i>Martin Luther</i> first disputed against Popery	236
1536	<i>England</i> separated from the Church of <i>Rome</i>	217
1588	The <i>Spanish Armado</i> defeated by the <i>English</i>	165
1603	<i>Q. Eliz.</i> dies, <i>Mar. 24.</i> and <i>K. James I.</i> began	150
1604	Died of the Plague in <i>Lond.</i> in 2 Years 68,596	149
1605	Gunpowder Treason, <i>Nov. 5.</i>	148
1613	The New River Water brought to <i>London</i>	140
1618	The excellent Sir <i>Walter Raleigh</i> beheaded	135
1625	<i>K. James I.</i> died. <i>K. Charles I.</i> began, <i>Mar. 27.</i>	128
1625	35,417 Persons died of the Plague in <i>London</i>	128
1641	The cruel <i>Irish</i> Massacre began, <i>October 23.</i>	112
1643	<i>Burleigh house</i> stormed by <i>Cromwel</i> , <i>July 24.</i>	110
1649	<i>K. Charles I.</i> barbarously murdered, <i>Jan. 30.</i>	104
1660	King <i>Charles II.</i> restored, <i>May 29.</i>	93
1665	68,586 Persons died of the Plague in <i>London</i>	88
1666	<i>London</i> burnt, and a great Sea-Fight with the <i>Dutch</i>	87
1672	War declared against the <i>Dutch</i> , <i>March 17.</i>	81
1674	A great Snow for 11 Days together	79
1675	The Town of <i>Northampton</i> burnt, <i>Sept. 3.</i>	78
1680	A great and splendid Comet appeared	73
1684	The great Frost that held 13 Weeks	69
1685	<i>K. Cha. II.</i> died, <i>Feb. 6.</i> and <i>K. James II.</i> began	68
1685	The Duke of <i>Monmouth</i> beheaded, <i>July 15.</i>	68
1688	Seven Bishops sent to the Tower, <i>June 8.</i>	65
1688	King <i>James II.</i> abdicated, <i>December 12.</i>	65
1689	<i>K. William</i> and <i>Q. Mary</i> crown'd, <i>April 11.</i>	64
1692	The <i>French Fleet</i> intirely defeated by the <i>English</i>	61
1693	<i>Whitehall Palace</i> intirely destroyed by Fire, except the <i>Banqueting-House</i>	55
1702	<i>K. William</i> died, <i>March 8.</i> and <i>Q. Anne</i> began	51
1702	<i>Q. Anne</i> proclaimed War against <i>France</i> , <i>May 4.</i>	51
1703	A great and terrible Wind, <i>Nov. 26.</i> and 27.	50
1704	<i>Gibraltar</i> taken by the <i>English</i>	49
1707	<i>England</i> and <i>Scotland</i> united, <i>May 1.</i>	46
1709	<i>Sacheverel</i> preached his seditious Sermon, <i>Nov. 5.</i>	44

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A.D.		Years since.
1710	Riots and great Disturbances in <i>England</i>	43
1714	Q. <i>Anne</i> died, <i>Aug. 1.</i> and K. <i>George I.</i> began	39
1715	A famous Total Eclipse of the ☉ in <i>England</i> , <i>April 22.</i> in the Morning	38
1715	A Rebellion in <i>Scotl.</i> and <i>Lancashire</i> suppressed	38
1716	A great Frost in the Beginning of this Year	37
1718	The <i>Spanish</i> Fleet destroyed by Admiral <i>Byng</i> , near <i>Syracuse</i> , <i>July 31.</i>	35
1719	A surprizing Meteor seen, <i>March 19,</i> at 8 at Night	34
	Mr. <i>Flamsteed</i> , a celebrated Astronomer, died <i>December 31.</i>	34
1727	The incomparable Sir <i>Is. Newton</i> died <i>Mar. 20.</i>	26
1727	K. <i>George I.</i> died, <i>June 11,</i> and K. <i>George II.</i> began	26
1734	The Prince and Princess of <i>Orange</i> married, <i>March 14.</i>	19
	The Battle of the <i>Breeches</i> in <i>Italy</i> , <i>Sept. 4.</i>	19
1736	The Pr. and Princess of <i>Wales</i> married, <i>Ap. 27.</i>	18
1739	Letters of Marque published in <i>London</i> against the <i>Spaniards</i> , <i>July 16.</i>	14
1739	War declared by <i>Great Britain</i> against <i>Spain</i> , <i>October 23.</i>	14
1739	<i>Porto-Bello</i> taken and destroyed by Admiral <i>Vernon</i> , <i>Nov. 22.</i>	14
1740	A very severe Frost from <i>Dec. 25.</i> to <i>Feb. 27.</i>	13
1742	A Comet appeared from <i>Feb. 18.</i> to <i>Mar. 14</i>	11
	A Conjunction of ♄ and ♀ <i>Aug. 18.</i> in ♎	11
1743	A splendid Comet appeared from <i>Decemb. 23.</i> to <i>February 18.</i> in ♋.	10
1744	<i>March 4.</i> <i>France</i> declared War against <i>England</i> . and <i>March 31.</i> <i>England</i> declared War against <i>France.</i>	9
1745	<i>Cape Breton</i> taken from the <i>French</i> , <i>June 16.</i>	8
1746	The <i>Scotch</i> Highland Rebels defeated by his Royal Highness the Duke of <i>Cumberland</i> , at <i>Culloden</i> , near <i>Inverness</i> , <i>April 16.</i>	6
1748	A General Peace, signed <i>Octob. 7.</i>	5

## II. Of the Luminarian Eclipses, and other Astronomical Appearances this Year 1753.

**T**HERE will be two Eclipses of the Sun and two of the Moon, within the Limits of this Year, and but one of each sort will be visible in these Parts of the World.

1. The first is a visible Eclipse of the Moon on *Tuesday*, April the 17th, the Beginning of this Eclipse cannot be seen at *London*, the Moon being then under the Horizon; but at 46 Minutes after 6 in the Evening she will rise eclipsed, and continue till 46 Min. after 7, the whole Duration of this Eclipse being 2 Hours 25 Min. and 5 Digits of the Moon's Body will be obscured by the Interposition of the Earth's Shadow, at the first Appearance of the Eclipse.

2. The second is an invisible Eclipse of the Sun, *May* the 3d, about 8 in the Morning.

3. The third is an invisible Eclipse of the Moon, *October* the 12th, about 9 in the Morning.

4. The fourth and last is a visible Eclipse of the Sun, on *Thursday* the 26th Day of *October*,

	H.	M.	
Beginning at	8	29	} Morn.
Middle ———	9	34	
Ends ———	10	53	

The total Continuance of this Eclipse being 2 Hours 14 Minutes, and at the greatest Obscuration is darkened 8 Digits Minutes.

I shall forbear to give any Astrological Judgment on the Effects of these Eclipses, which some of my Readers may probably expect, but since Astrology has certainly lost much of that Credit it formerly had, and no doubt deserved, (when testified by Persons of Skill and Judgment) by the many

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Vain Pretenders to that Art, who have imposed their false Predictions on the World, as grounded on the Rules of Astrology, by which that antient and much esteemed Art, in this Age, suffers a great Eclipse itself, I shall therefore proceed to give the Times, when some of the most remarkable Astronomical Appearances will happen in the Course of this Year, which if carefully observed will be of great Benefit to the World, and worthy the Trouble of the Curious in this sublime Science.

### Other Cœlestial Appearances.

5. On *Thursday* the 11th of *January*, the Star  $\delta$   $\chi$  is covered by the Moon about 6 in the Evening, and continues hid till about 50 Min. after 6.

6. On *Monday* the 15th of *January*, the *Bull's North Eye*, being a Star of the 3d Magnitude marked in *Bayer's Catalogue*,  $\epsilon$   $\delta$  immerses behind the Moon at 52 Min. after 5 in the Evening, and at 58 Min. after 6 it emerges, being covered 1 Hour 6 Min.

7. On the 20th of *April*, the  $\gamma$  eclipses  $\beta$   $\eta$ , about 4 in the Morning, and continues till about half an Hour after 5.

8. On the 25th of *April*,  $\beta$   $\psi$  will be immersed behind the Moon about a Quarter after 2 in the Morning and will emerge about a Quarter after 3.

9. On *Tuesday* the 21st of *August*, the Planet *Mars* is eclipsed by the Moon; the Immersion begins about 3 Quarters after 5 in the Morning, and continues eclipsed till near a Quarter after 7, at which Time the Planet emerges from behind the Moon.

10. On *Saturday* the 15th Day of *September*, the two glorious Planets *Jupiter* and *Venus* being in Conjunction, rise nearly

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together about half an Hour after one in the Morning, *Jupiter* being the highest Star at that Time,

11. On the 5th of *October*, at 36 Min. after 8 in the Evening the fixed Star  $\beta$   $\Upsilon$  immerses again behind the Moon, and emerges about 50 Min. after 9; the Occultation continuing about 1 Hour and a Quarter.

12. On *Thursday* the 15th of *November* at 2 Min. after 3 in the Morning, the Moon covers a fixed Star marked  $\lambda$  II., and it emerges at 17 Min. after 4, after having been eclipsed 1 Hour and a Quarter.

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The Planet *Venus* is Occidental and an Evening Star till the 7th Day of *June*, when it becomes Oriental, and shines in the Morning to the End of the Year.

*Jupiter* is Occidental and an Evening Star till the 19th Day of *July*, when it is in Conjunction with the Sun, and becomes Oriental and a Morning Star.

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### III. Of the Eclipses of *Jupiter's* Satellites.

The great Use of these Eclipses in discovering the Geographical Longitude or Difference of Meridians of Places, by observing the Times of their Immersions and Emersions, and comparing them with the Meridian they are computed for, above any other Method. I shall therefore, briefly explain the Appearance and Use of those Eclipses.

*Galileo* on the 8th of *January* 1610, at one in the Morning, discovered round *Jupiter* four little Moons or Stars,

that revolve about him periodically, as the Moon does about the Earth, and which he called the *Astra Medicea*, and we the Satellites of *Jupiter*. The first or that nearest to him, performs its Revolution in 1 Day 18 Hours and 29 Min. The second in 3 Days 13 Hours, 18 Min. The third which is the greatest, in 7 Days 3 Hours 4 Min. The fourth in 16 Days 18 Hours and 9 Min. These Satellites when they enter the Shadow of *Jupiter* (like the Moon when she enters the Earth's Shadow, being opaque and borrow their Light from the Sun) they are eclipsed. The three first cause their Eclipses in each Revolution; first, when the Satellite enters the Disk of *Jupiter*; secondly, when the Shadow of the Satellite darkens the Disk of *Jupiter*; thirdly, when the superior Part of *Jupiter* hides the Satellite; and fourthly, when the Satellite is immersed in *Jupiter's* Shadow; therefore the first Satellite causes Eclipses within 7 Days, the second eight, the third four; and altogether twenty-eight. The first Satellite when arrived at the Node causes four Eclipses within 17 Days. To this it may be added, that one of these Satellites sometimes eclipses another, where their Phasis must be different; nay frequently opposite to that of the Satellite falling into the Shadow of *Jupiter*, just mentioned; for in this the Eastern Limb immerses first, and the Western immerses last; but in the other it is just the reverse. When the Satellite meets the Shadow and Disk of *Jupiter*, and begins to disappear, we call that the Time of the Immersion; and the Moment the Satellite leaves the Shadow and Disk of *Jupiter*, we call that the Time of the Emersion. In the following Table of the visible Eclipses of *Jupiter's* four Satellites, the Times of the Immersions are marked I. and the Emersions E.

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## IV. A Catalogue of the visible Eclipses of Jupiter's Four Satellites for the Year 1753.

January.			Satel.	March.			Satel.	August.			Satel.
D.	H.	M.		D.	H.	M.		D.	H.	M.	
3	8	49	2 E	6	12	39	3 E	21	14	55	1 I
3	14	54	1 E	6	13	34	1 E	September.			
5	9	22	1 E	8	8	3	1 E	12	14	25	2 I
8	4	50	3 E	8	8	11	2 E	13	15	11	1 I
10	11	23	2 E	13	13	28	3 I	19	17	3	2 I
10	16	46	1 E	15	10	0	1 E	20	17	7	1 I
12	11	14	1 E	15	10	50	2 E	29	13	32	1 I
14	5	43	1 E	22	11	58	1 E	October.			
15	8	47	3 E	22	13	29	2 E	6	15	26	1 I
17	1	57	2 E	24	6	27	1 E	7	12	57	3 E
19	13	7	1 E	29	13	55	1 E	13	17	21	1 I
22	12	43	3 E	31	8	24	1 E	14	14	10	2 I
24	16	31	2 E	April.				14	13	26	3 I
28	5	49	2 E	7	10	21	1 E	14	16	56	3 E
28	9	27	1 E	9	8	5	2 E	21	16	46	2 I
29	16	38	3 E	11	8	55	3 E	21	17	25	3 I
February.				14	12	18	1 E	22	13	44	1 I
2	16	52	1 E	16	10	44	2 E	29	15	39	1 I
4	8	23	2 E	18	9	40	3 I	31	10	8	1 I
4	11	21	1 E	23	8	44	1 E	November.			
6	5	49	1 E	30	10	41	1 E	5	17	33	1 I
11	11	0	2 E	May.				7	12	10	1 I
11	13	16	1 E	9	11	10	4 I	8	11	13	2 I
13	7	45	1 E	11	7	55	2 E	9	13	15	4 I
14	12	43	4 I	16	9	1	1 E	9	18	7	4 E
14	16	0	4 E	18	10	31	2 E	14	13	53	1 I
18	13	37	2 E	24	9	3	3 E	15	13	46	2 I
18	15	12	1 E	31	9	42	3 I	19	12	48	3 E
20	9	41	1 E	June.				21	15	45	1 I
27	5	26	3 I	8	9	13	1 E	22	16	19	2 I
27	8	37	3 E	On the 15th Day,				26	12	3	4 E
27	11	37	1 E	Jupiter is in Con-				26	13	15	3 I
March.				junction with the				26	16	45	3 I
1	6	6	1 E	Sun, & the Eclip-				28	17	36	1 I
3	6	39	4 I	ses of his Satel-				29	18	52	2 I
3	10	23	4 E	lites will not be				30	12	4	1 I
6	9	27	3 I	visible till							De-

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December.	Satel.
D. H. M.	
3 17 11	3 I
7 13 55	1 I
10 10 40	2 I
14 15 45	1 I
16 10 13	1 I

December	Satel.
D. H. M.	
17 13 11	2 I
21 17 35	1 I
23 12 3	1 I
24 15 43	2 I

December.	Satel.
D. H. M.	
28 19 26	1 I
29 18 50	4 I
30 13 53	1 I
31 18 14	2 I

By carefully observing these Immersions and Emerfions of *Jupiter's* Satellites, the Longitude at Sea, or Difference of the Meridian of the Place you are at, and the Place the Eclipses are calculated for, may be exactly discovered: And is the most correct and practical Method ever hit upon, notwithstanding the many whimsical and some ingenious Ways invented for that Purpose, by several who have spent much Time and Labour, in Hopes of gaining the great Reward of twenty-thousand Pounds, offered by Parliament for a practical Method of solving that grand Problem with Certainty, but without Effect. It is also much more easy and correct to find the Difference of Meridians by this Method, than by the Eclipses of the Moon, not only on Account of their more frequent happening, but because the Motion and Times of these Immersions and Emerfions are more easily observed, than that of the Moon; because the Time of the Moon's entering the Shadow of the Earth is not easily distinguished from that of the *Penumbra*.

*Example, to illustrate the Use of these Eclipses.*

Suppose a Ship at Sea on the 18th of *April*, this present Year 1753, and the Emerfion of *Jupiter's* first Satellite be observed by a good Telescope to be there, at 8 H. 15 Min. by this Catalogue the Emerfion of that Eclipse happens at *London*, *April* the 18th Day 40 min. after 9, whence the Difference of Meridians between *London* and the Place of Observation is 1 Hour 25 Min. and so much is that Place West of the Meridian of *London*, which Time converted into Degrees of the Equator gives the true Difference of Longitude as below.

	D. H. M.
Emerfion at <i>London</i> , <i>April</i>	18 9 40
The Place of Observation	8 15
Difference	1 25
Multiplied by	15

The Place of Observation being 21° 15' West of the Meridian of *London*.

#### IV. Of Time, its various Sorts, and Equation.

*Time of itself is nothing, but from Thought  
Receives its Rise, by labouring Fancy wrought  
From Things considered, whilst we think on some  
As present, some as past, or yet to come.  
No Thought can think on Time, that's still confess,  
But thinks on Things in Motion, or at Rest.*

Lucr.

**T** I M E then, as I shall here consider it, is the Measure of Duration of any Thing, taken from the heavenly Motions. As to Duration, it is evident that it never had a Beginning, and must be without End: There is an absolute Necessity of admitting some real Being to have been for ever, and consequently Time or Duration must have been; if there were no created Beings actually existing, yet Time could not be said not to exist; for we cannot suppose Time when Time was not, therefore Time and Duration must be infinite?

Seeing then, that Time, as far as we can define it, is no other than *Mensura Motus*; we must look out for a Rule or Standard by which Time may be most conveniently measured. Astronomers have chiefly sought for these Measures from the Motions of the heavenly Bodies, their constant and equable Revolution, easily inviting them to it.

The most considerable Parts of Time, is distributed out to us in Years, Months and Days, by the heavenly Motions. A Day, which is the least Interval of Time instituted by God himself, in the first Creation of Things, (is what I shall chiefly speak to at present) and is either equal or unequal.

An equal Day is measured by the equable Revolution of the *Primum Mobile*, or more truly, by one entire Revolution of the Earth about its own Axis, and is that Space of Time whereby the Meridian of any Place departs from a certain Meridian in the Heavens, and returns to the same again; this is called an equatorial or mean Day, and is the Measure which Astronomers make Use of to determine the Periods of the heavenly Bodies.

An unequal Day is longer than the equatorial or equal Day by about 4 min. of an Hour, occasioned by the proper (apparent) Motion

Motion of the Sun in its annual Orbit, which in 24 Hours is nearly one Degree of a great Circle; so that when the Meridian of any Place on the Earth, that is directly under the Sun, has made one entire Revolution round the Earth's Axis, it must revolve nearly one Degree farther to the East, before it can again be directly under the Sun; and this Space of Time is called a solar, natural, or apparent Day.

But this apparent or natural Day is not always of the same Length: I have said before, that it is longer than the equal Day about 4 min. of an Hour, but that is upon the Supposition that the Sun always moves nearly 1 Deg. or more exactly  $59^{\circ} 8''$  in 24 Hours; but this  $59^{\circ} 8''$  is the Sun's mean diurnal Motion, his true diurnal Motion being sometimes more, and sometimes less, and which effects the apparent Day accordingly. There is also another Cause that affects the Variation of this Equality, and that is the oblique Position of the Ecliptic or Circle of the Sun's annual Motion, to the Equator, or Circle of the Sun's diurnal Motion; so that a meridian Circle passing through the Sun, will necessarily cut the two Circles at different Distances from the equinoctial Point, and consequently the Sun's Place and right Ascension will contain different Numbers of Degrees, in different Days; and this Difference between the Sun's true Place and right Ascension, when combined with the former Difference, between the Sun's mean and true Motion, constitutes the absolute Equation of Time, as contained in the following Table.

*The Sun, we often say, can never err,  
Yet Watchmakers will their best Works prefer,  
And say they true and equal Time do carry.  
Though Sun and Watch will for the most Part vary:  
For Sun and Watch can ne'er agree or meet,  
But four Days in the Year, and then they greet,  
April the fifteenth and seventeenth of June remember,  
August the thirty-first, and twenty fourth of December.  
These are the Days, and none else in the Year,  
When Sun and Watch do the same Time declare.*

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A Table of the Equation of Time, for every Day at Noon, in the Year 1753.

Days.	Janu.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Decem.
1	4 A. 25	14 A. 22	12 A. 50	3 A. 53	3 S. 12	2 S. 47	3 A. 10	5 A. 40	Sub. 29	10 S. 28	16 S. 12	10 19
2	4 53	14 28	12 38	3 34	3 21	2 37	3 20	5 35	0 48	10 44	16 12	9 58
3	5 24	14 35	12 26	3 16	3 28	2 26	3 29	5 30	1 7	10 52	16 12	9 33
4	5 52	14 39	12 13	2 57	3 34	2 16	3 39	5 25	1 26	11 21	16 11	9 11
5	6 21	14 43	12 10	2 39	3 40	2 6	3 50	5 19	1 46	11 40	16 9	8 43
6	6 49	14 46	11 47	2 21	3 45	1 55	4 0	5 13	2 6	11 58	16 6	8 16
7	7 15	14 49	11 32	2 3	3 49	1 44	4 9	5 6	2 26	12 16	16 2	7 49
8	7 40	14 51	11 16	1 46	3 53	1 33	4 18	4 58	2 47	12 32	15 57	7 22
9	8 2	14 52	10 59	1 29	3 57	1 21	4 27	4 49	3 8	12 49	15 51	6 52
10	8 26	14 53	10 41	1 15	4 0	1 9	4 36	4 40	3 29	13 5	15 46	6 27
11	8 49	14 53	10 23	1 0	4 3	1 0	4 55	4 31	3 51	13 20	15 37	6 0
12	9 12	14 53	10 6	0 45	4 4	0 50	4 53	3 21	4 10	13 55	15 30	5 32
13	9 35	14 52	9 47	0 29	4 7	0 38	5 1	4 10	4 28	13 48	15 22	5 3
14	9 58	14 49	9 29	0 12	4 8	0 26	5 8	4 0	4 50	14 1	15 12	4 35
15	10 18	14 45	9 11	0 S. 5	4 6	0 16	5 15	3 48	5 12	14 15	15 2	4 7

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The Table of the Equation of Time, continued.

Days.	Janu.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Decem.
16	10A.37	14A.41	8A.53	0A.21	4S.4	0S.4	5A.21	3A.38	5S.34	14S.28	14S.50	3S.39
17	11 56	14 36	8 35	0 35	4 2	0Ad.9	5 20	3 26	5 55	14 38	14 39	3 12
18	11 17	14 3	8 18	0 48	4 0	0 22	5 31	3 13	6 15	14 47	14 26	2 38
19	11 35	14 23	8	1 0	3 59	0 35	5 35	3 0	6 35	14 57	14 12	2 8
20	11 52	14 15	7 42	1 14	3 58	0 49	5 39	2 45	6 54	15 7	13 56	1 38
21	12 8	14 7	7 26	1 27	3 56	1 3	5 42	2 31	7 14	15 17	13 40	1 7
22	12 26	13 58	7 4	1 20	3 53	1 17	5 41	2 17	7 34	15 26	13 22	0 39
23	12 41	13 49	6 4	1 53	3 50	1 31	5 46	2 5	7 54	15 35	13 2	0 4
24	12 55	13 40	6 20	2 4	3 46	1 44	5 47	1 54	8 14	15 43	12 41	Add 26
25	13 9	13 31	6 7	2 15	3 41	1 57	5 48	1 38	8 34	5 49	12 22	0 58
26	13 20	13 21	5 49	2 26	3 34	2 10	5 49	1 22	8 54	15 54	12 2	1 28
27	13 32	13 11	5 29	2 35	3 2	2 23	5 50	1 5	9 34	15 59	11 42	1 57
28	13 45	13 1	5 10	2 44	3 20	2 36	5 50	0 47	9 32	16 3	11 22	2 26
29	13 5		4 51	2 54	3 12	2 48	5 49	0 28	9 51	16 7	11 2	2 55
30	14 4		4 3	3 3	3 4	3 0	5 47	0 9	10 10	16 10	10 4	3 23
31	14 14		4 13		3 50		5 44	Sub 10		16 11		3 51

## The Use of the Table of Equation of Time.

If a good Clock or Watch be set to go with a correct Sun-Dial, on any of the four Days abovementioned, it should always (except on the said four Days) want or exceed the Time shewed by the Dial, so many Minutes and Seconds of Time as stand against each Day in the Table, which must be added or subtracted, to or from the Time shewed by the Dial to reduce it to correct or equal Time, as the Letters A. (for Add) and S. (for Subtract) direct.

## E X A M P L E I.

On the 21st Day of *March*, by a good Sun-Dial, or meridian Line I observe when it is exactly 12 o'Clock (which is the apparent Time) I must add  $7' 23''$  to it for the true Time, which is 12 Hours  $7' 23''$ , and that is the Time which a good Clock or Watch should shew.

## E X A M P L E II.

If I would adjust my Watch or Clock to equal Time, on the 1st Day of *November*, I find on that Day at Noon the Equation to be  $6' 12''$  S. and so much must be subtracted from 12, for the correct or equal Time to be shewn by my Clock on that Day, viz. 11h.  $43' 18''$ .

N. B. You must apply the Equation contrary to the above Directions, when you would reduce equal Time to apparent.

## V. Of the four Quarters of the Year.

**T**HE Sun's Entrance into the four cardinal Points, being shewn in the Column of Observations in the Calendar, I shall omit repeating them here, and only observe, to satisfy the curious Reader, that at the Sun's Entrance into *Aries* on the 20th Day of *March* at 31 Minutes past 10 in the Morning, according to a Figure of the Heavens at that Time, that  $6^{\circ}$  of  $\times$  is culminaring  $10^{\circ}$  of  $\odot$ , on the Oriental Horizon,  $\eta$  and  $\mu$  being in  $\odot$  from tropical Signs and horizontal Angles. the  $\gamma$  in  $15^{\circ}$   $\cap$ , in the 5th House, departing from the  $\square$  of  $\eta$  and  $\mu$ , and applying to the  $\square$  of  $\delta$ , which Astrologers say, denote Discord, Contentions, &c. and as the most potent Planets are all angular, they will enforce their Effects, and it is to be feared great Calamities will attend many Nations, the City of L—n not escaping.

*Great Things approach, swift Time prepares the Way  
For mighty Works; we Mortals must obey,  
When the eternal Power speaks aloud,  
Kings must submit, and so must all their Crowd,  
Slowly Fate moves, but certainly will come,  
As sure as Day before the rising Sun.*

W I N G.

F I N I S.